

Figure 1 shows the block diagram of the system architecture. The system is connected to a PC via USB. The PC sends data to the CODEC block, which is connected to the I²C block. The I²C block is connected to the LINE_OUT and LINE_IN blocks. The LINE_OUT block is connected to the Programmable Amplifier, which is connected to the Transducer Selector. The Transducer Selector is connected to the Speakers, Head/Insert-phones, and Bone Conductor. The LINE_IN block is connected to the Recording Selector, which is connected to the External LINE_IN. The Recording Selector is also connected to the Transducer Selector.

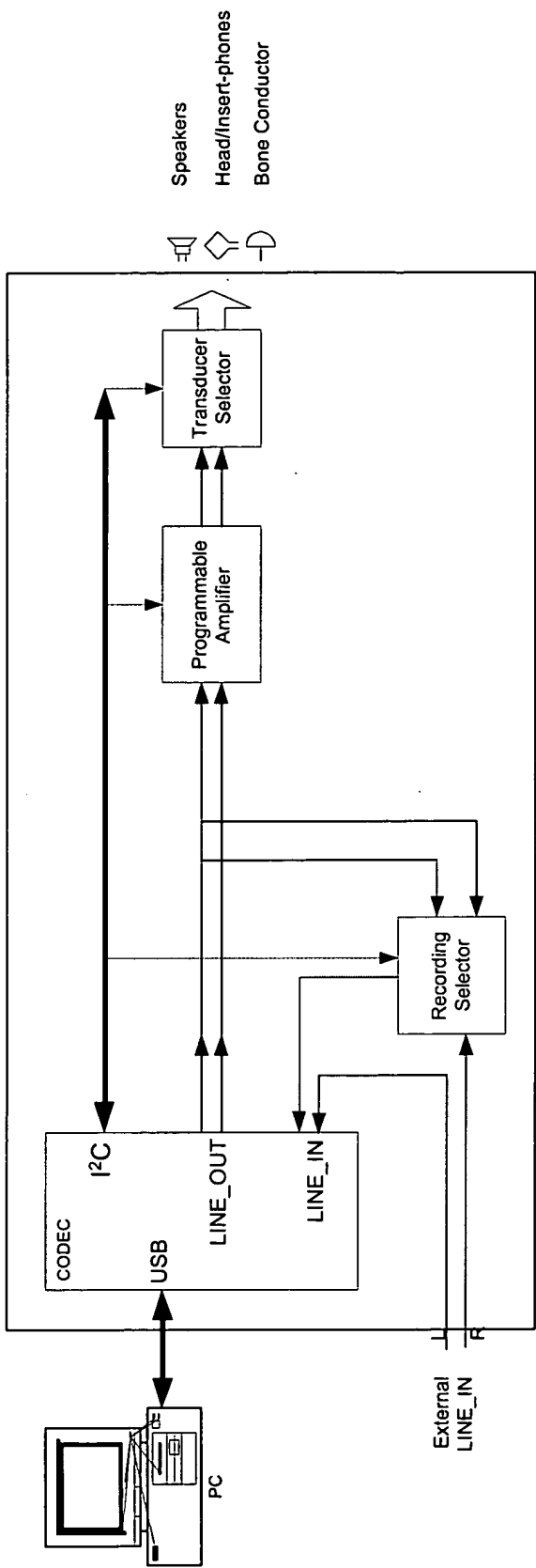


Figure 1

Figure 2: Block diagram of a power amplifier system with an input attenuator, a power amplifier, and an output attenuator.

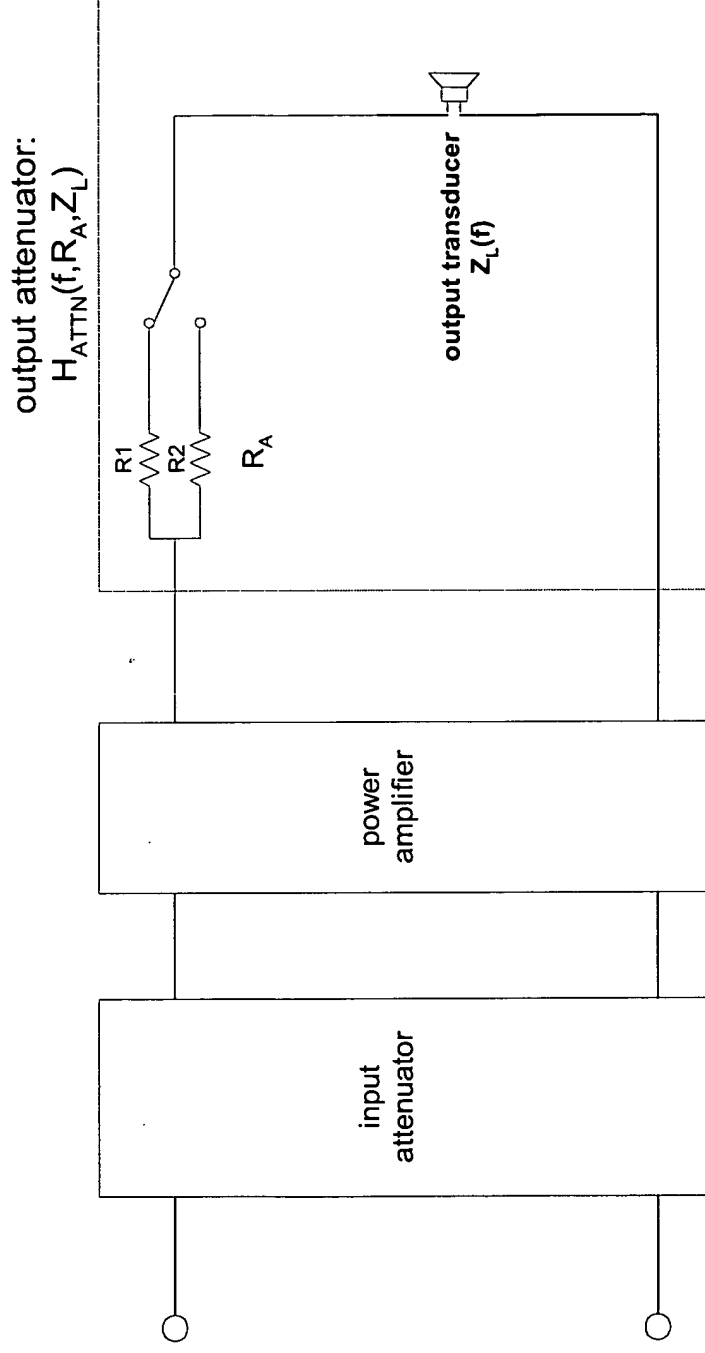


Figure 2

Figure 3: Block diagram of a 2-Channel Data Acquisition System.

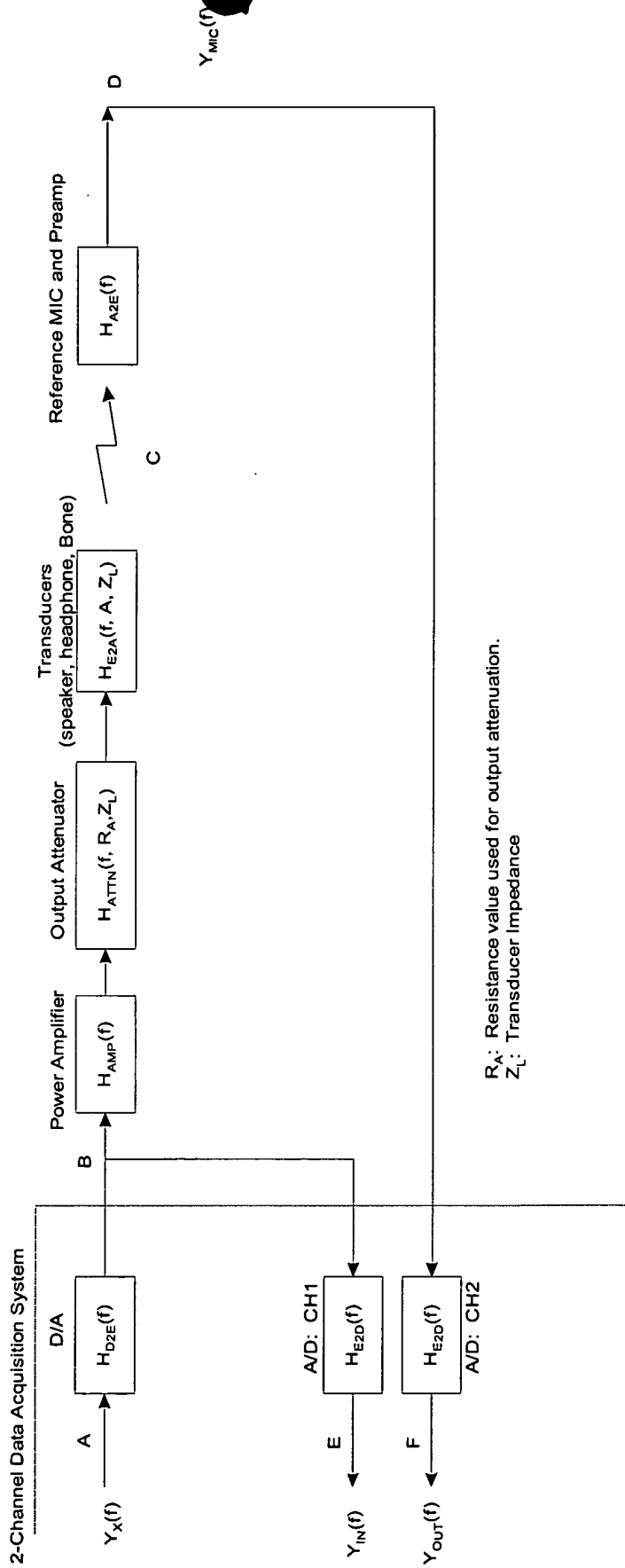


Figure 3